

SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
0450-0001SERIAL NO.:
09/821,694**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)

(37 CFR 1.98(b))

APPLICANT:
William Daniel HILLISFILING DATE:
March 28, 2001GROUP: **1634**
1645**U.S. PATENT DOCUMENTS**

EXAMINER INITIALS	CITE NO.	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	AA	4,483,964	11/20/84	Urdea et al.			
	AB	4,517,338	5/14/85	Urdea et al.			
	AC	4,683,195	7/28/87	Mullis et al.			
	AD	4,683,202	7/28/97	Mullis			
	AE	4,786,600	11/22/88	Kramer et al.			
	AF	5,407,798	4/18/95	Martinelli et al.			
	AG	5,437,975	8/1/95	McClelland et al.			
	AH	5,492,806	2/20/96	Drmanac et al.			
	AI	5,503,980	4/2/96	Cantor			
	AJ	5,508,169	4/16/96	Deugau et al.			
	AK	5,525,464	6/11/96	Drmanac et al.			
	AL	5,552,278	9/3/96	Brenner			
	AM	5,695,940	12/9/97	Drmanac et al.			
	AN	5,744,305	4/28/98	Fodor et al.			
	AO	5,834,181	11/10/98	Shuber			
<i>W</i>	AP	6,090,589	7/18/00	Dimond et al.			

EXAMINER SIGNATURE:

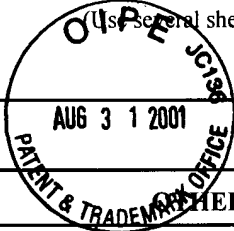
W. Hillis

DATE CONSIDERED:

10/31/2002

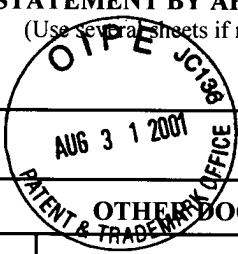
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	ATTY. DOCKET NO.: 0450-0001	SERIAL NO.: 09/821,694
		APPLICANT: William Daniel HILLIS
	FILING DATE: March 28, 2001	GROUP: 1645 1634




OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS		
EXAMINER INITIALS	CITE NO.	INCLUDE NAME OF AUTHOR, TITLE OF ARTICLE (IF APPROPRIATE), TITLE OF PUBLICATION, DATE, PAGE(S), VOLUME-ISSUE NUMBER(S), PUBLISHER, AND PLACE OF PUBLICATION
<i>u</i>	AQ	Alper (1994), "Drug Discovery on the Assembly Line," <i>Science</i> <u>264</u> :1399-1401.
	AR	Bains (1993), "Characterizing and Sequencing cDNAs using Oligonucleotide Hybridization," <i>J. DNA Sequencing and Mapping</i> <u>4</u> :143-150.
	AS	Brenner et al. (2000), "Gene Expression Analysis by Massively Parallel Signature Sequencing (MPSS) on Microbead Arrays," <i>Nature Biotechnology</i> <u>18</u> (6):630-634.
	AT	Breslauer et al. (1986), "Predicting DNA Duplex Stability from the Base Sequence," <i>Proc. Natl. Acad. Sci. USA</i> <u>83</u> :3746-3750.
	AU	Church et al. (1998), "Multiplex DNA Sequencing," <i>Science</i> <u>240</u> :185-188.
	AV	Drmanac et al. (1993), "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," <i>Science</i> <u>260</u> :1649-1652.
	AW	Gyllenstein et al. (1988), "Generation of Single-Stranded DNA by the Polymerase Chain Reaction and its Application to Direct Sequencing of the HLA-DQA Locus," <i>Proc. Natl. Acad. Sci. USA</i> <u>85</u> :7652-7656.
	AX	Liang et al. (1992), "Differential Display of Eukaryotic Messenger RNA by Means of the Polymerase Chain Reaction," <i>Science</i> <u>257</u> :967-971.
	AY	Maxam et al. (1977), "A New Method for Sequencing DNA," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (2):560-564.
	AZ	Milligan et al. (1993), "Current Concepts in Antisense Drug Design," <i>Journal of Medicinal Chemistry</i> <u>36</u> (14):1923-1937.
	BA	Moriyama et al. (1998), "Synthesis and RNA Polymerase Incorporation of the Degenerate Ribonucleotide Analogue rPTP," <i>Nucleic Acids Research</i> <u>26</u> (9):2105-2111.
	BB	Needels et al. (1993), "Generation and Screening of an Oligonucleotide-Encoded Synthetic Peptide Library," <i>Proc. Natl. Acad. Sci. USA</i> <u>90</u> :10700-10704.
	BC	Pavlov et al. (1994), "DNA Replication Fidelity with 8-Oxodeoxyguanosine Triphosphate," <i>Biochemistry</i> <u>33</u> :4695-4701.
	BD	Sanger et al. (1977), "DNA Sequencing with Chain-Terminating Inhibitors," <i>Proc. Natl. Acad. Sci. USA</i> <u>74</u> (12):5463-5467.
↓	BE	Schena et al. (1995), "Quantitative Monitoring of Gene Expression Patterns with a Complementary DNA Microarray," <i>Science</i> <u>270</u> :467-469.

EXAMINER SIGNATURE: <i>u</i>	DATE CONSIDERED: 10/31/2002
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449 (MODIFIED) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 	ATTY. DOCKET NO.: 0450-0001	SERIAL NO.: 09/821,694
		APPLICANT: William Daniel HILLIS	
		FILING DATE: March 28, 2001	GROUP: 1634 1645

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

u	BF	Unrau et al. (1994), "Non-Cloning Amplification of Specific DNA Fragments from Whole Genomic DNA Digests Using DNA 'Indexers,'" <i>Gene</i> <u>145</u> :163-169.
	BG	Velculescu et al. (1995), "Serial Analysis of Gene Expression," <i>Science</i> <u>270</u> :484-486.
	BH	Wallace et al. (1979), "Hybridization of Synthetic Oligodeoxyribonucleotides to ϕ χ 174 DNA: The Effect of Single Base Pair Mismatch," <i>Nucleic Acids Research</i> <u>6</u> (11):3543-3557.
	BI	Wood et al. (1985), "Base Composition-Independent Hybridization in Tetramethylammonium Chloride: A Method for Oligonucleotide Screening of Highly Complex Gene Libraries," <i>Proc. Natl. Acad. Sci. USA</i> <u>82</u> :1585-1588..
	BJ	Zaccolo et al. (1996), "An Approach to Random Mutagenesis of DNA Using Mixtures of Triphosphate Derivatives of Nucleoside Analogues," <i>J. Mol. Biol.</i> <u>255</u> :589-603.
v	BK	Brenner et al. (1992), "Encoded Combinatorial Chemistry," <i>Proc. Natl. Acad. Sci. USA</i> <u>89</u> :5381-5383.

EXAMINER SIGNATURE: 	DATE CONSIDERED: 10/31/2002
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

SUBSTITUTE FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOC. NO.:
0450-0001SERIAL NO.:
09/821,694APPLICANT:
William Daniel HILLISFILING DATE:
March 28, 2001

GROUP:

1645
1634**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS	CITE NO.	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
<i>u</i>	BL	WO 94/01582	1/20/94	PCT				
<i>↓</i>	BM	WO 95/20053	7/27/95	PCT				
	BN	WO 95/13369	5/18/95	PCT				
	BO	WO 95/27080	10/12/95	PCT				

RECEIVED

FEB 22 2002

TECH CENTER 1600/2900

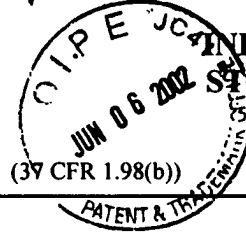
EXAMINER SIGNATURE:

u h u

DATE CONSIDERED:

10/31/2002

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

SUBSTITUTE
(MODIFIED) PTO-1449U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.:
0450-6SERIAL NO.:
09/821,694INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT:
William Daniel HILLISFILING DATE:
March 28, 2001GROUP:
1645
1034

OTHER DOCUMENTS — NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), Title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
u	BP	Brown et al. (1997), "Random Mutagenesis of DNA Using Deoxynucleoside 5'-Triphosphate Analogues," <i>Amersham Life Science News</i> 23:18-19.	—
u	BQ	Dollinger (1994), "Nonbiological Applications," <i>The Polymerase Chain Reaction</i> , pp. 265-274. Mullis et al., Eds. Birkhauser, Boston.	—

COPY OF PAPERS
ORIGINALLY FILED

RECEIVED

JUN 12 2002

TECH CENTER 1600/2900

EXAMINER SIGNATURE:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.